

Fig. 1

00000 6425560

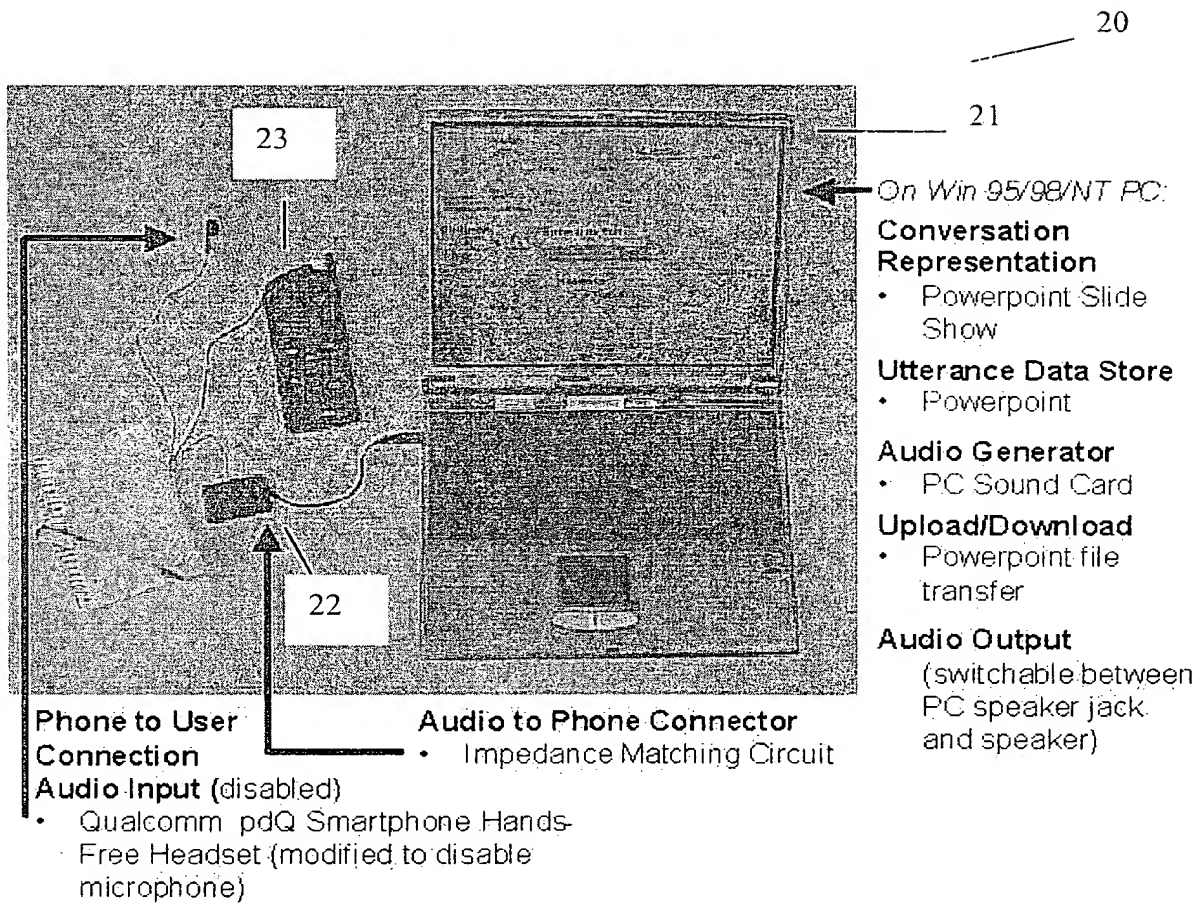


Fig.2

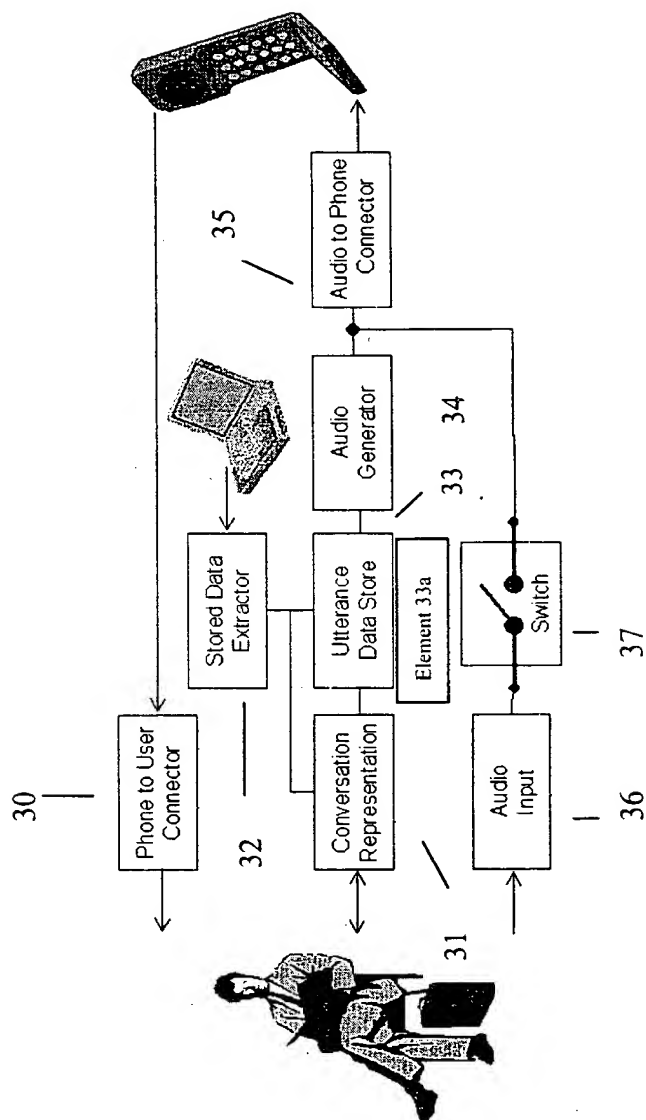


Fig. 3

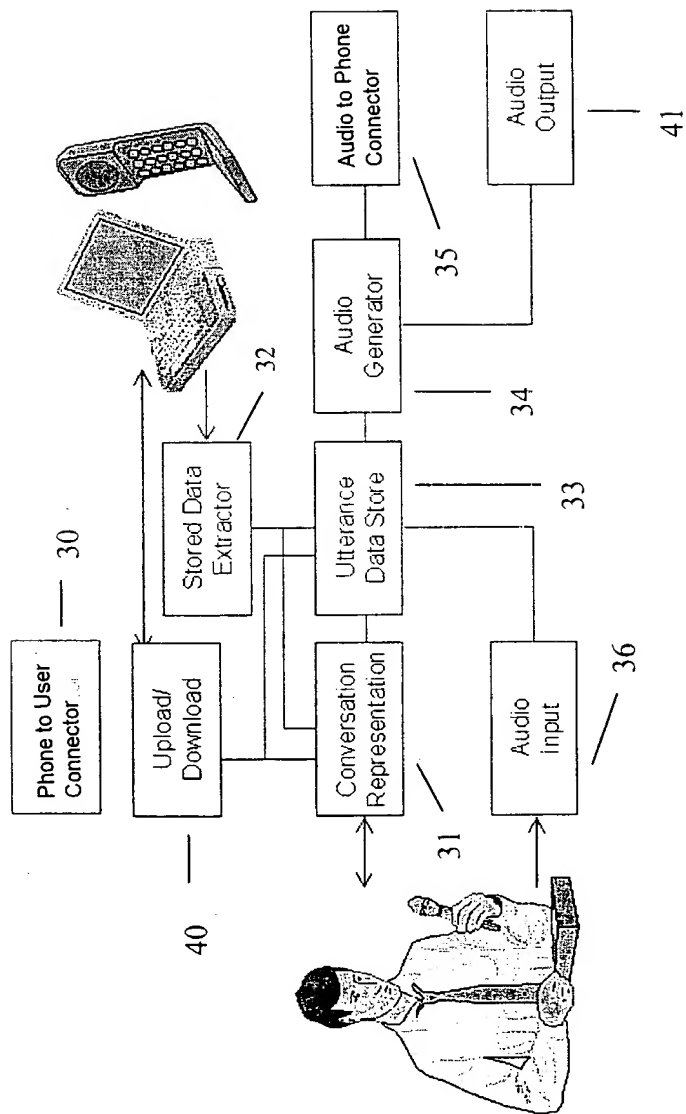


Fig. 4

000050" E4295350

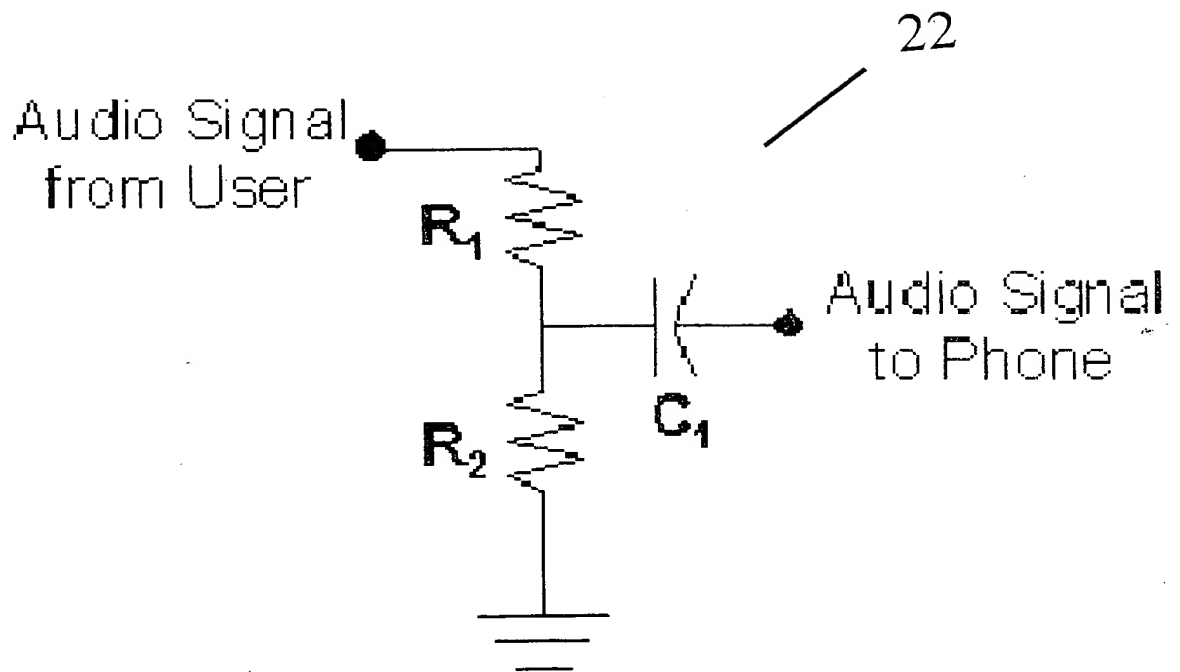


Fig. 5

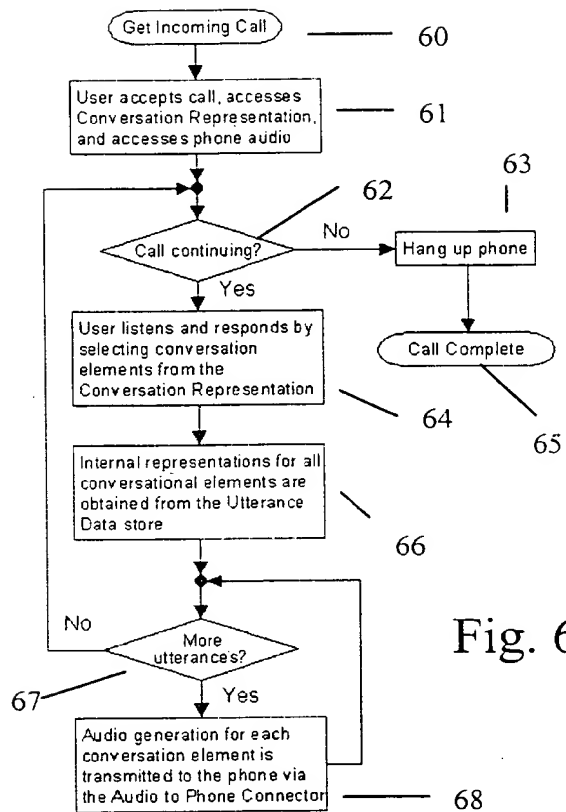


Fig. 6

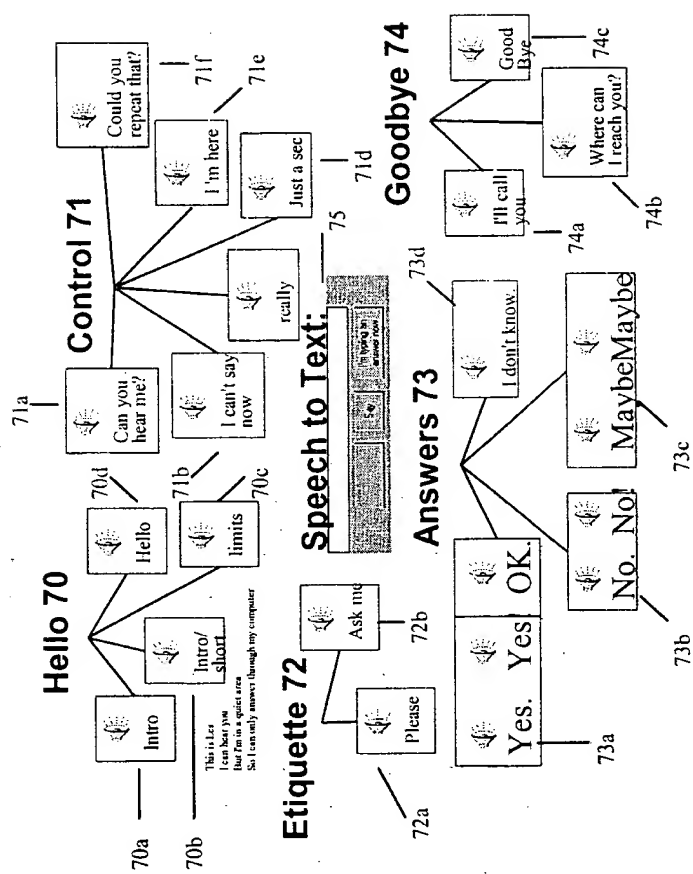


Fig. 7

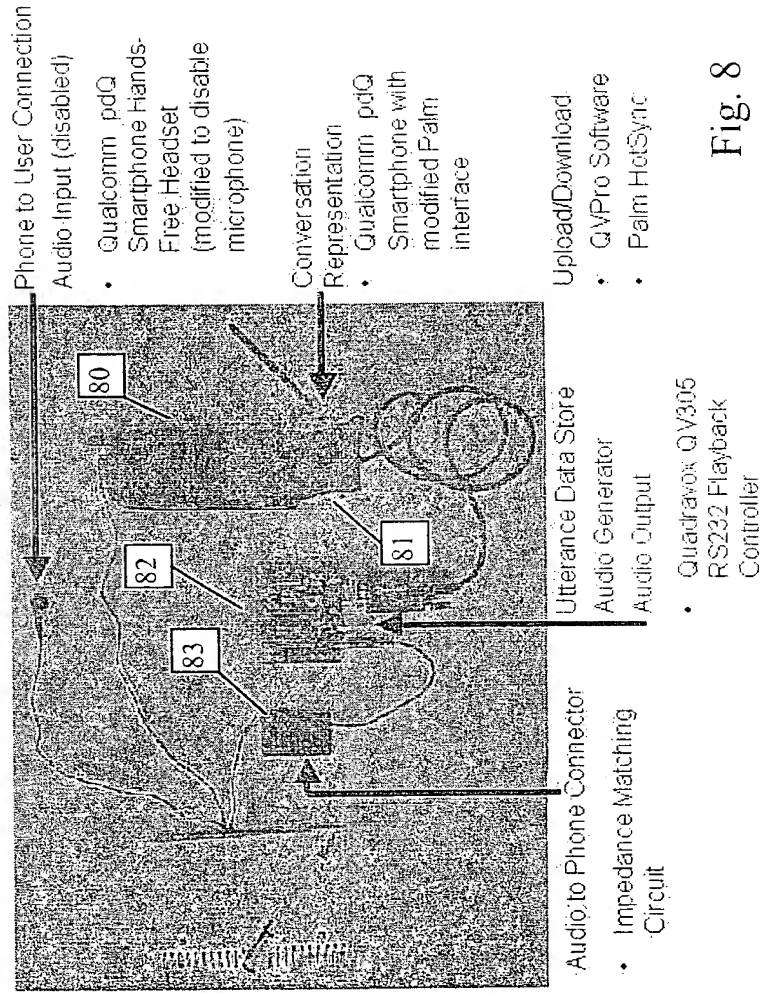


Fig. 8

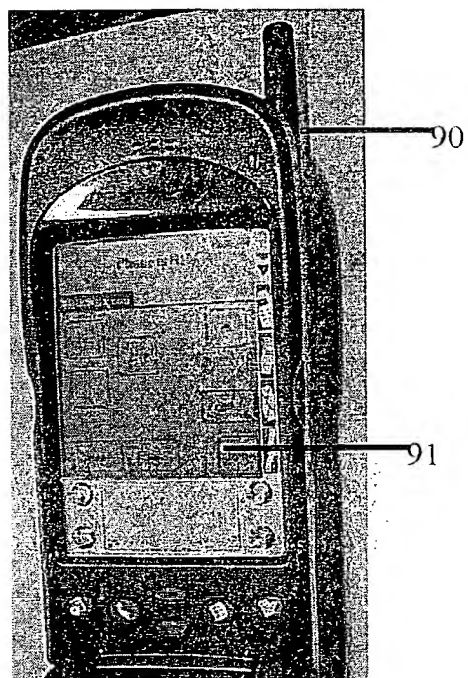


Fig. 9

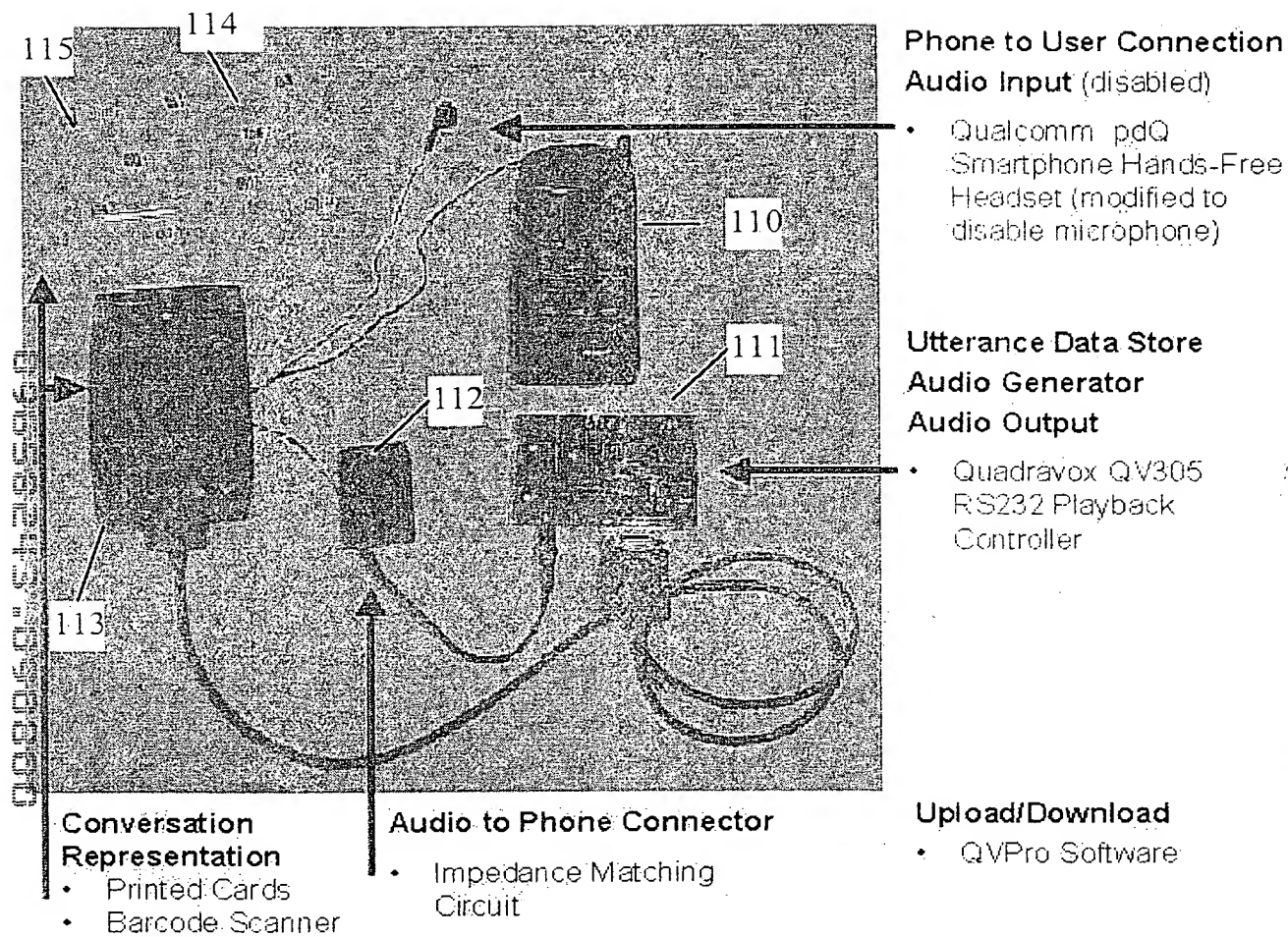


Fig. 11

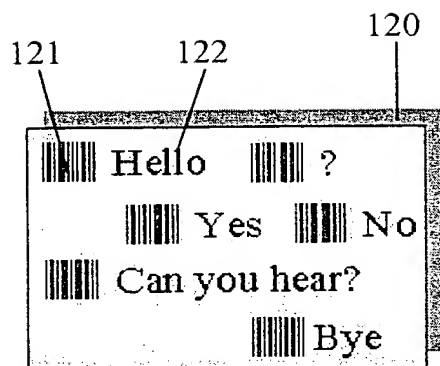


Fig. 12

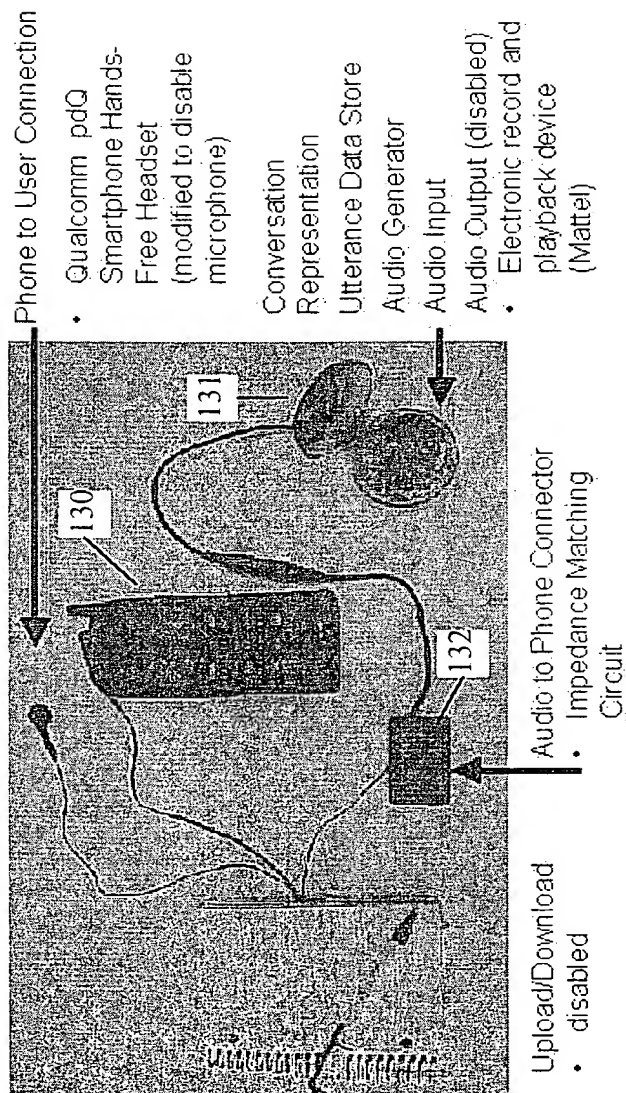


Fig. 13

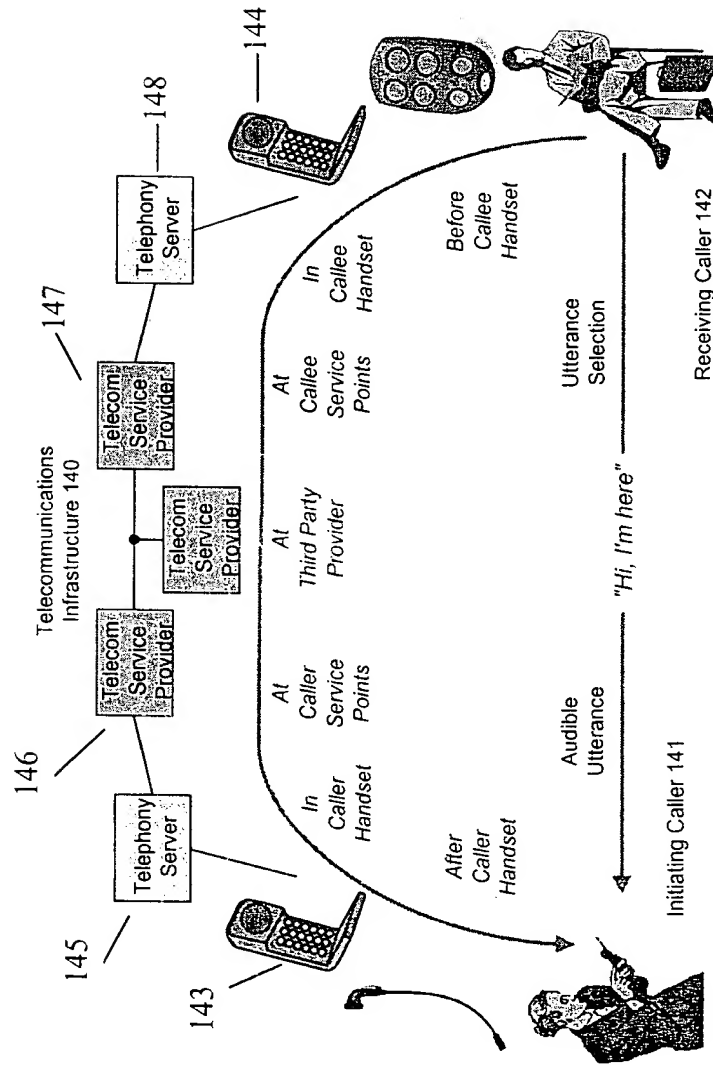
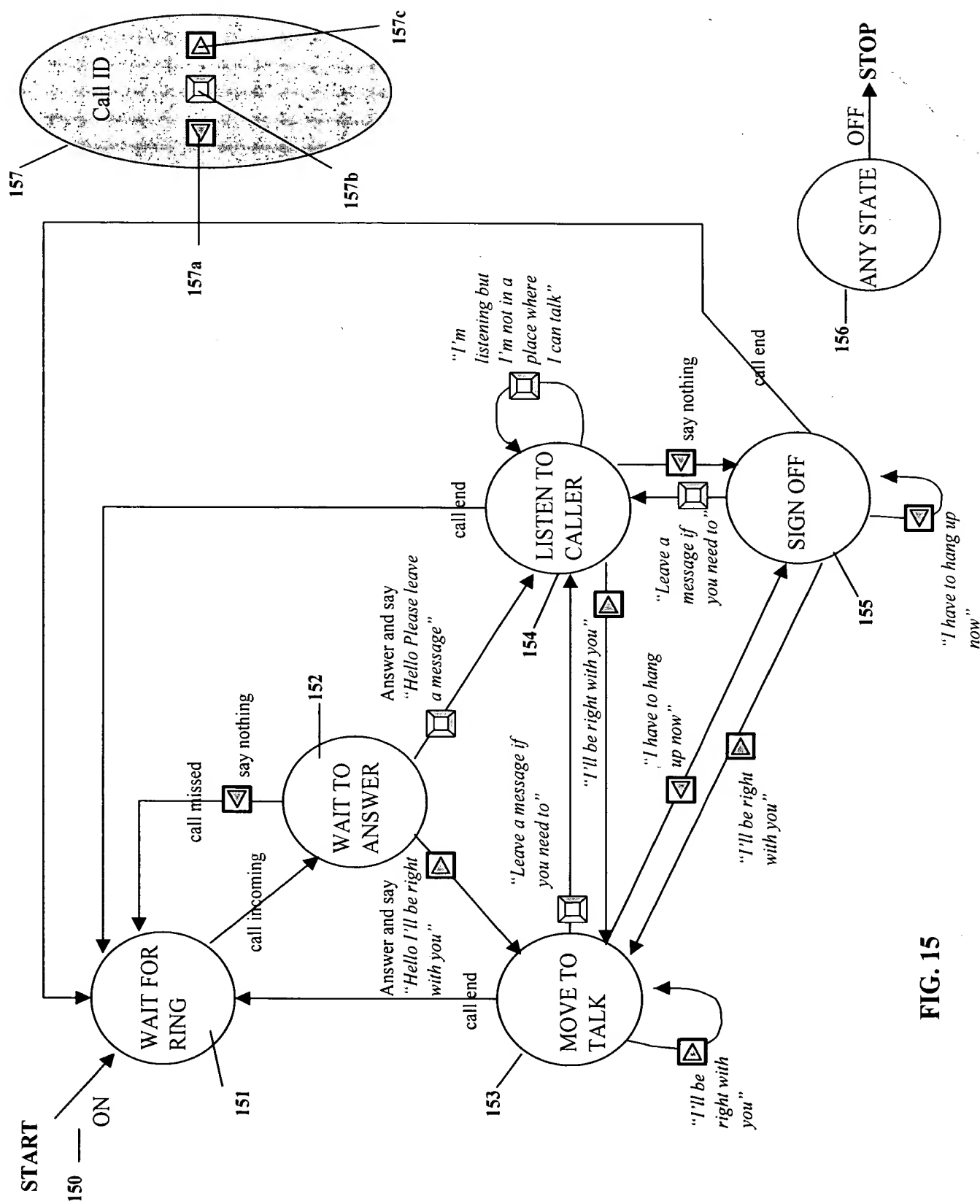


Fig. 14



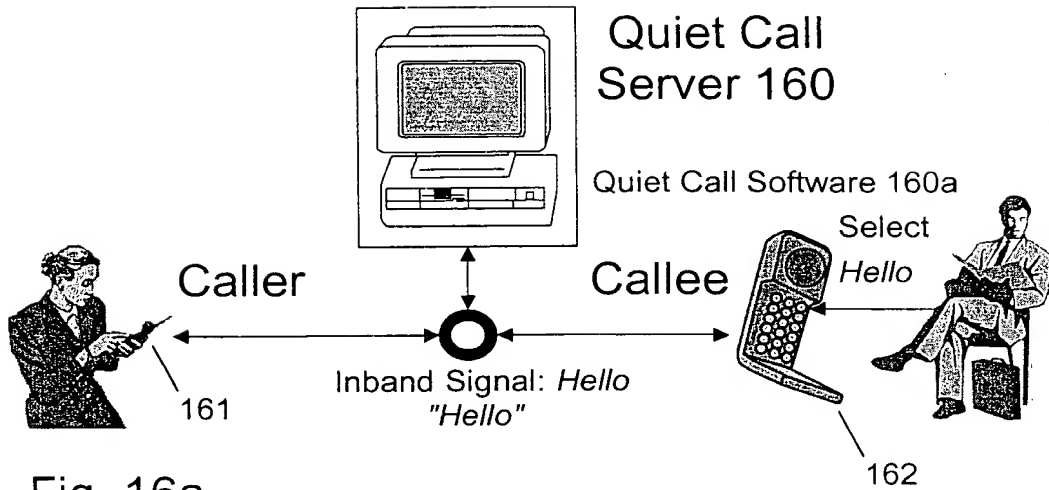


Fig. 16a

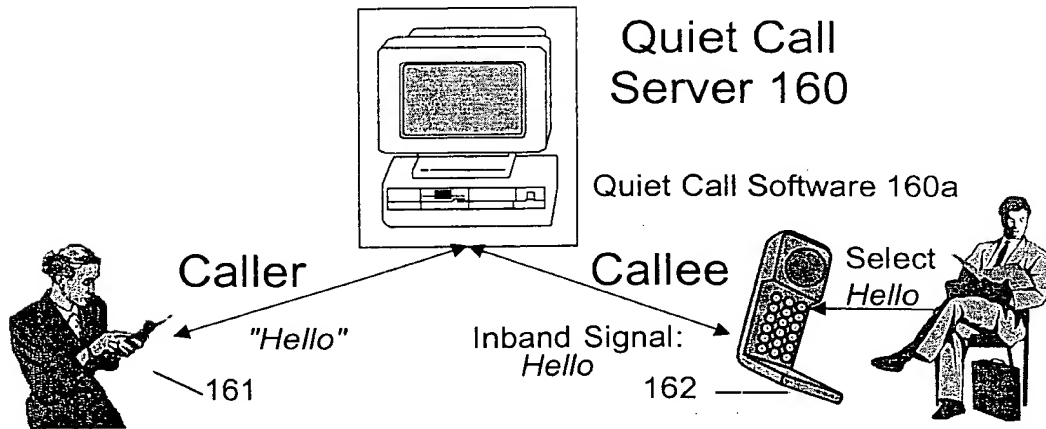


Fig. 16b

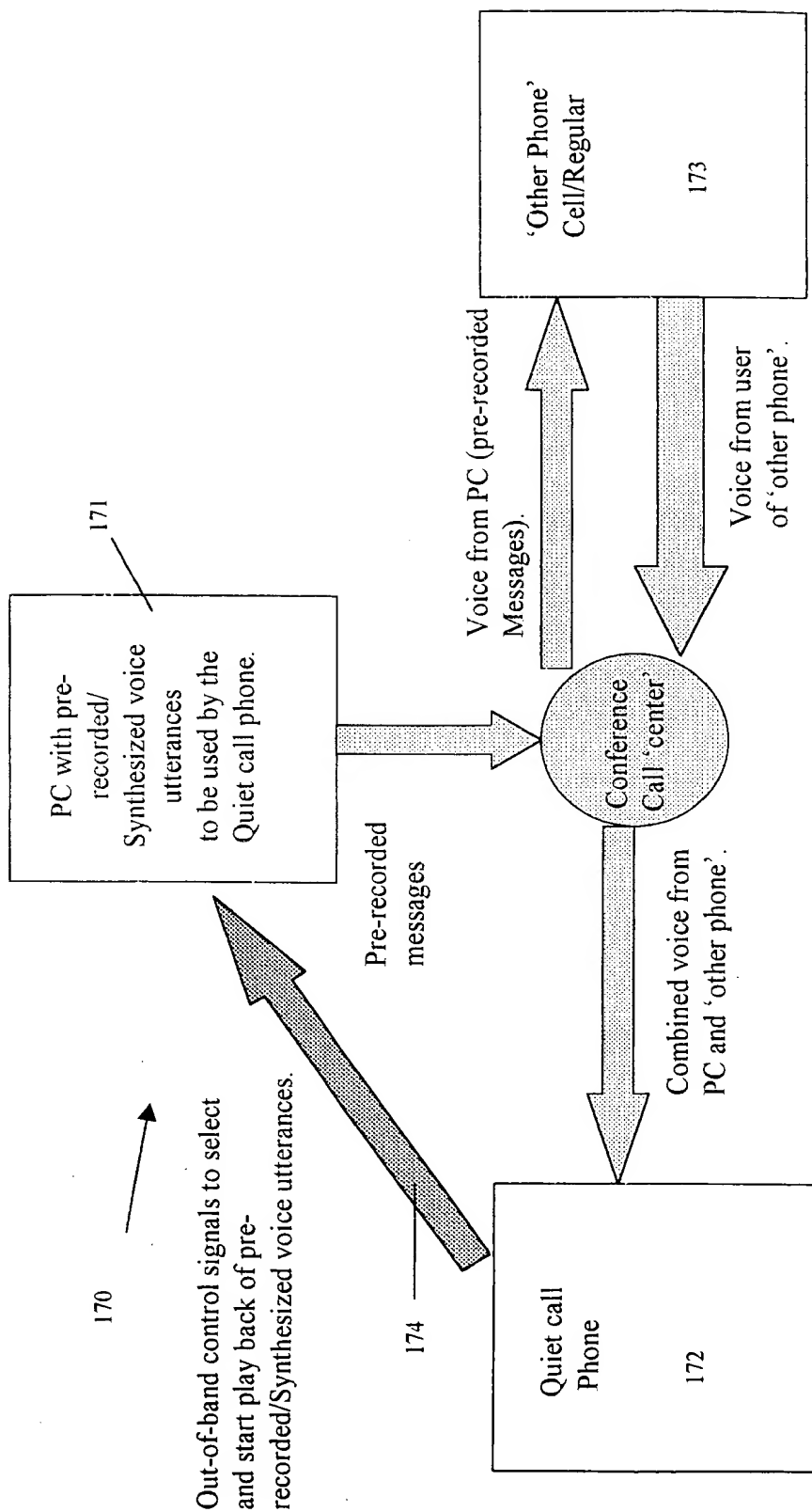


Fig. 17

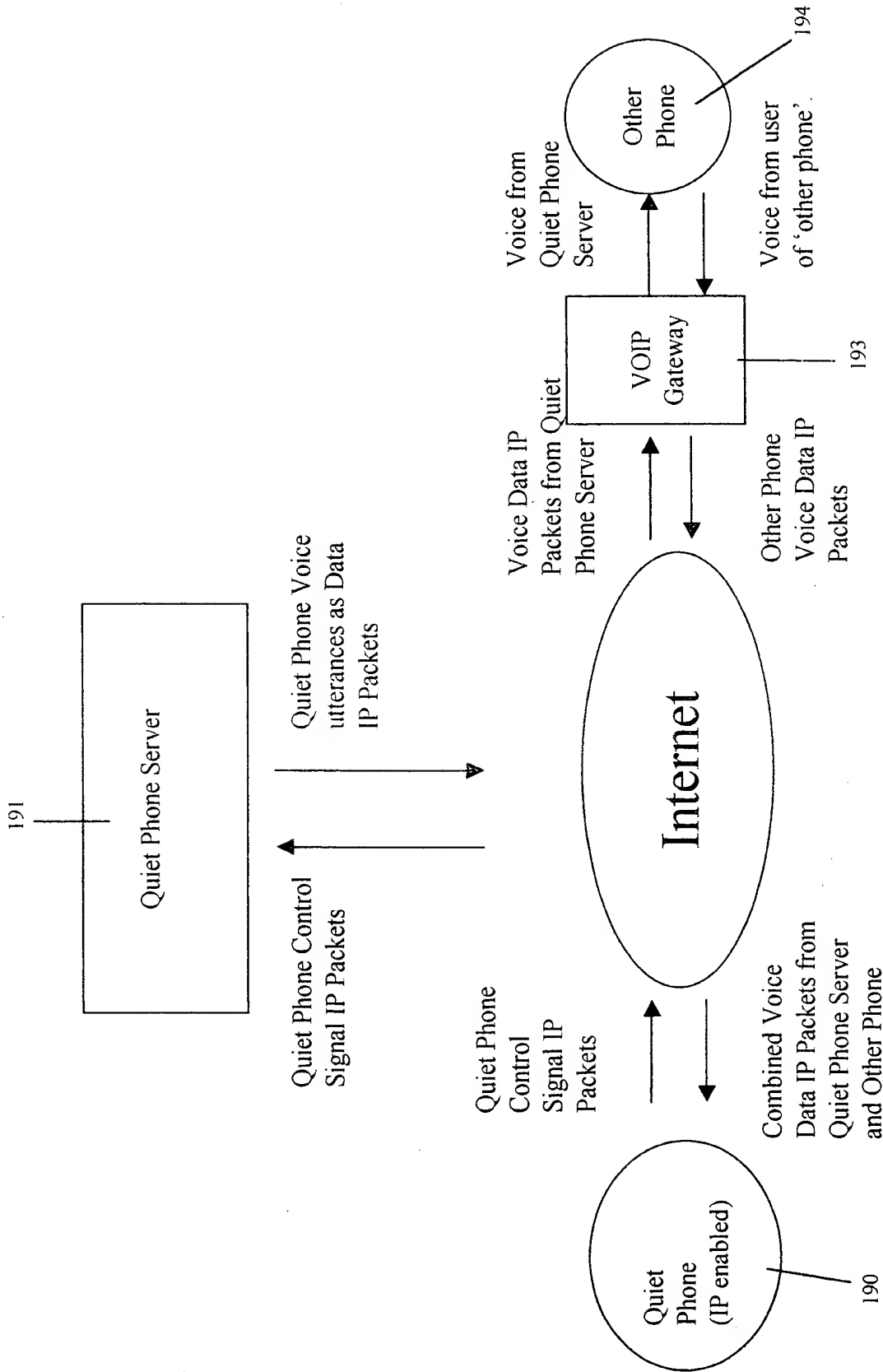


Fig. 18 b

1. *Chlorophyll* *a* and *b* contents were determined using a spectrophotometer (Shimadzu UV-160U) at 663 nm and 646 nm, respectively. The absorbance values were converted to concentrations using the following equations: $Chl\ a\ (mg\ g^{-1}) = 12.7 \times A_{663}$ and $Chl\ b\ (mg\ g^{-1}) = 22.9 \times A_{646}$. Total chlorophyll content was calculated as the sum of *a* and *b*.

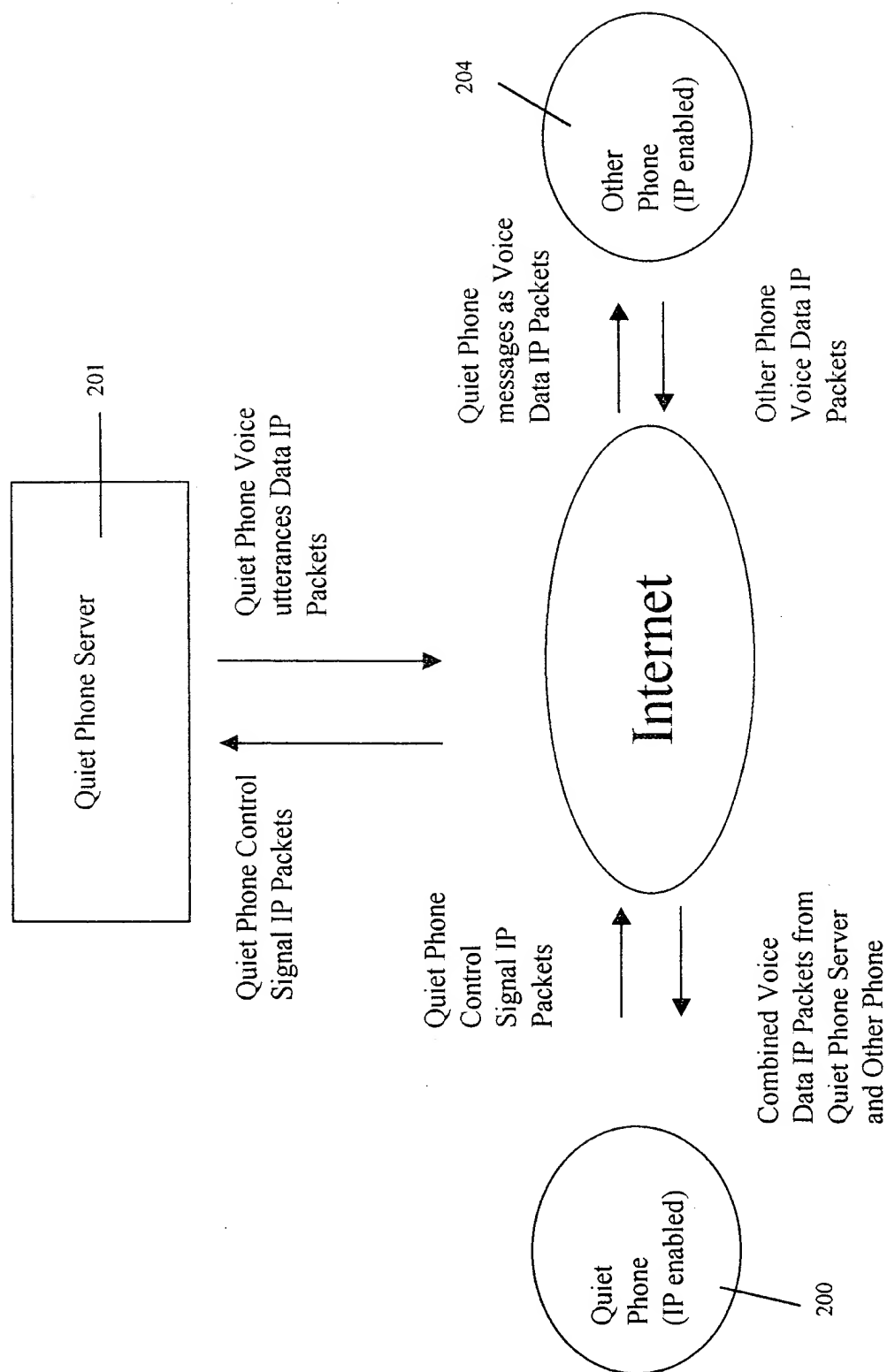


Fig. 18c

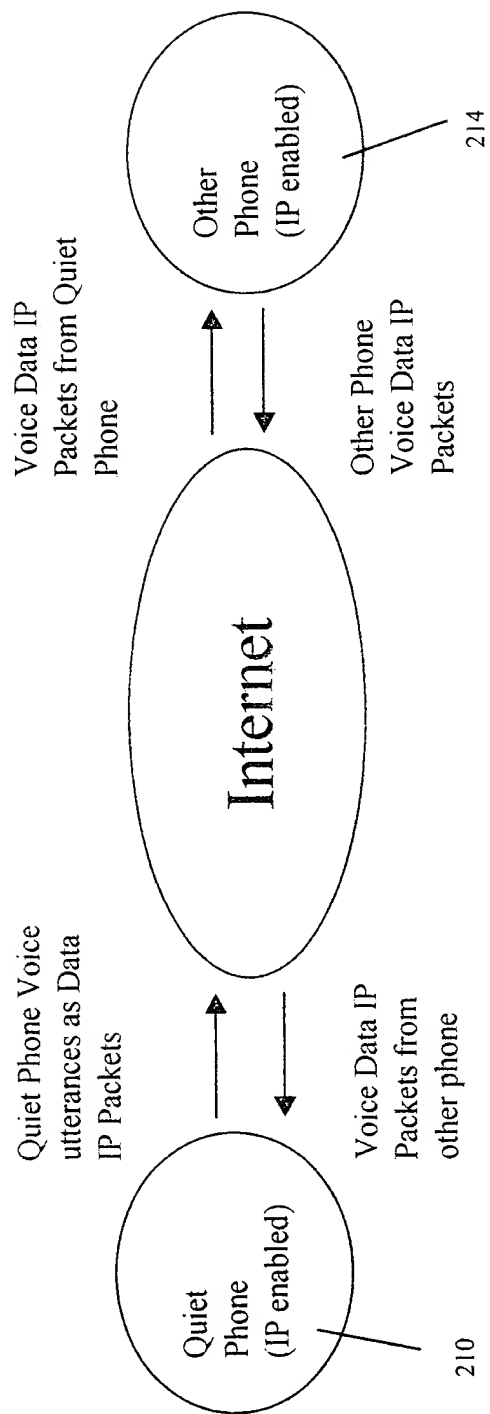


Fig. 18d

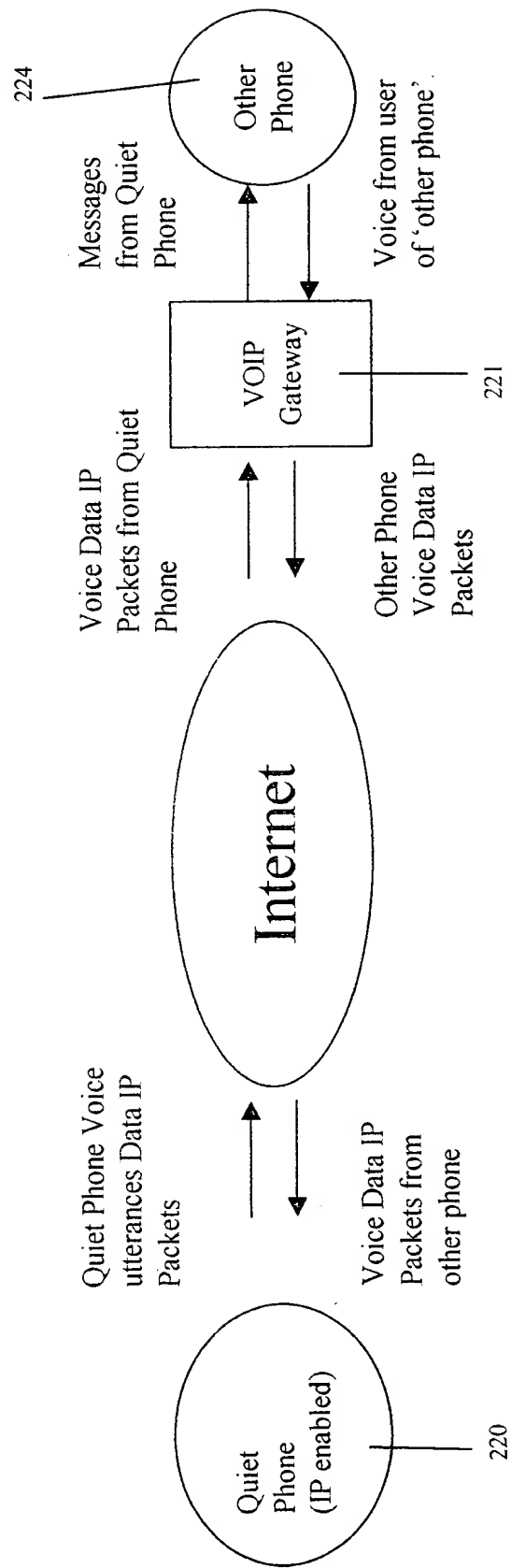


Fig. 18 e